

11673

25 Jan



Dart Aerospace Ltd.
1270 Aberdeen St
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Canada
Tel (613) 632-5200
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D206-558-043
Job Sheet 187472



Part No: D206-558-043

Job Qty: 3 pcs

Part Name: Dual Mirror Installation



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 12/5/18

Job Tracking No:

Due Date: 1/25/19

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG REV D SHEET 13 IPP G 02.09.19 Re-format; Incorporated D2066 KJ IPP Rev:H 08-05-14 now @ chg006/ add D3778-1 per ECN1171 DD verified: IPP Rev:I 08-08-19 now @ chg 007 DD verified by:ec IPP Rev:J 10.10.27 fixe route seq DD ver:EC IPP REV:K 11.01.19 AS PER CHG009 DD VER:EC IPP REV:L 14.09.09 AS PER IIN REV:D DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	Sign-off
110	Small Fab - 1	3 pcs	1/25/19	1/25/19	0.00	0.67	Small Fab - 1		DAS JAN 10 2019 6 9-89
							Small Fab - 2		
							Small Fab - 3		
							Small Fab - 4		
							Small Fab - 5		
							Small Fab - 6		
							Small Fab - 7		
120	QC 5	3 pcs	1/25/19	1/25/19	0.00	0.00	QC 5 - 10		
							QC 5 - 12		
							QC 5 - 16		
							QC 5 - 17		
							QC 5 - 18		
							QC 5 - 19		
							QC 5 - 22		
							QC 5 - 24		
							QC 5 - 3		
							QC 5 - 38		
							QC 5 - 42		
							QC 5 - 43		
							QC 5 - 49		
							QC 5 - 51		
							QC 5 - 58		
							QC 5 - 68		DAS JAN 11 2019 8 9-89
							QC 5 - 9		
							QC 5 - 50		
							QC 5 - 30		
130	Packaging 1-1 - Pick Kit - B4B	3 pcs	1/25/19	1/25/19	0.00	0.00	Packaging 1 - 1 - B4B		
							Packaging 1 - 2 - B4B		
							Packaging 1 - 3 - B4B		



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Container No: S143681



Part: D206-558-043

Job No: 187472

Serial No/Batch: S143681

Revision:

Inspector:

Exp Date:

Instructions: TC STC SH92-17 Issue 7, FAA STC SH1031NE 01/11/09, LBA GEF

				Packaging 1 - 4 - B4B	
				Packaging 1 - 5 - B4B	
				Packaging 1 - 6 - B4B	
				Packaging 1 - 7 - B4B	
				Packaging 1 - 8 - B4B	
				Packaging 1 - 9 - B4B	
				Packaging 1 - 10 - B4B	
				Packaging 1 - 11 - B4B	
				Packaging 1 - 12 - B4B	
				Packaging 1 - 13 - B4B	
				Packaging 1 - 14 - B4B	
				Packaging 1 - 15 - B4B	
				Packaging 1 - 16 - B4B	
				Packaging 1 - 17 - B4B	
140	QC 4	3 pcs	1/25/19	0.00 0.00	QC 4 - 16
					QC 4 - 26
					QC 4 - 28
					QC 4 - 38
					QC 4 - 42
					QC 4 - 58
					QC 4 - 6
					QC 4 - 69 JAN 14 2019
					QC 4 - 9
145	DC - 1 - B4B	3 pcs	1/25/19	0.00 0.00	DC - 1 - B4B
					DC - 2 - B4B
150	Packaging 3-1 - Stock - B4B	3 pcs	1/25/19	0.00 0.00	Packaging 3 - 1 - B4B JAN 14 2019
					Packaging 3 - 2 - B4B
					Packaging 3 - 3 - B4B
					Packaging 3 - 4 - B4B
					Packaging 3 - 5 - B4B
					Packaging 3 - 6 - B4B
					Packaging 3 - 7 - B4B
					Packaging 3 - 8 - B4B
					Packaging 3 - 9 - B4B
					Packaging 3 - 10 - B4B
					Packaging 3 - 11 - B4B
					Packaging 3 - 12 - B4B
					Packaging 3 - 13 - B4B
					Packaging 3 - 14 - B4B
					Packaging 3 - 15 - B4B
					Packaging 3 - 16 - B4B
					Packaging 3 - 17 - B4B
160	QC 21 - FG	3 pcs	1/25/19	0.00 0.00	QC 21 - FG - 16
					QC 21 - FG - 21
Part Op 110 - 1- assemble as per dwg D206-558 Descriptions: 120 - (QC5- Inspect part completeness to step on W/O) 140 - (QC4- 100% Inspect kits for completeness) 145 - Photocopy bluefile and create labels per PPP D206-558-043 CHG009 150 - (Identify as per dwg & Stock Location: _____), Identify and pack for shipping as per PPP D206-558-043 160 - (QC21- Final Inspection - Work Order Release)					

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
D2011-101	Mirror 6"	6 Ea (2 ea)	110-Small Fab - 1	5/23/555
D2066	Arm	3 pcs (1 ea)	110-Small Fab - 1	F161766X2 F165519X1
AN3-4A	Bolt	12 Ea (4 ea)	130-Packaging 1-1 - Pick Kit - B4B	
AN526-1032R9	Screw	12 Ea (4 ea)	130-Packaging 1-1 - Pick Kit - B4B	
D2053	Bracket	3 pcs (1 ea)	130-Packaging 1-1 - Pick Kit - B4B	
D2067	Connector	3 Ea (1 ea)	130-Packaging 1-1 - Pick Kit - B4B	
D2071	Cable Assembly - 32"	3 pcs (1 ea)	130-Packaging 1-1 - Pick Kit - B4B	
D3778-1	Bracket	3 pcs (1 ea)	130-Packaging 1-1 - Pick Kit - B4B	
MS21042L3	Nut	3 Ea (1 ea)	130-Packaging 1-1 - Pick Kit - B4B	
MS21919-DG5	Clamp	6 Ea (2 ea)	130-Packaging 1-1 - Pick Kit - B4B	
MS35489-67	Grommet	3 Ea (1 ea)	130-Packaging 1-1 - Pick Kit - B4B	
MS35489-9	Grommet	3 Ea (1 ea)	130-Packaging 1-1 - Pick Kit - B4B	
NAS1149D0332J	Washer	18 Ea (6 ea)	130-Packaging 1-1 - Pick Kit - B4B	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
110-Small Fab - 1	D2011-101	6	46	0
	D2066	3	6	0
130-Packaging 1-1 - Pick Kit - B4B	AN3-4A	12	177	0
	AN526-1032R9	12	28	0
	D2053	3	12	0
	D2067	3	50	0
	D2071	3	8	0
	D3778-1	3	12	0
	MS21042L3	3	2,404	0
	MS21919-DG5	6	50	0
	MS35489-67	3	20	0
	MS35489-9	3	24	0
	NAS1149D0332J	18	2,128	0

Part Specifications

Specifications could not be found.



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D206-558-043
Job Sheet 187472



Part No: D206-558-043

Job Qty: 3 pcs

Part Name: Dual Mirror Installation



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 12/5/18

Job Tracking No:

Due Date: 1/25/19

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG REV D SHEET 13 IPP G 02.09.19 Re-format; Incorporated D2066 KJ IPP Rev:H 08-05-14 now @ chg006/ add D3778-1 per ECN1171 DD verified: IPP Rev:I 08-08-19 now @ chg 007 DD verified by:ec IPP Rev:J 10.10.27 fixe route seq DD verf:EC IPP REV:K 11.01.19 AS PER CHG009 DD VERF:EC IPP REV:L 14.09.09 AS PER IIN REV.D DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
110	Small Fab - 1	3 pcs	1/25/19		0.00	0.67	Small Fab - 1		
							Small Fab - 2		
							Small Fab - 3		
							Small Fab - 4		
							Small Fab - 5		
							Small Fab - 6		
							Small Fab - 7		
120	QC 5	3 pcs	1/25/19		0.00	0.00	QC 5 - 10		
							QC 5 - 12		
							QC 5 - 16		
							QC 5 - 17		
							QC 5 - 18		
							QC 5 - 19		
							QC 5 - 22		
							QC 5 - 24		
							QC 5 - 3		
							QC 5 - 38		
							QC 5 - 42		
							QC 5 - 43		
							QC 5 - 49		
							QC 5 - 51		
							QC 5 - 58		
							QC 5 - 68		
							QC 5 - 9		
							QC 5 - 50		
							QC 5 - 30		
130	Packaging 1-1 - Pick Kit - B4B	3 pcs	1/25/19		0.00	0.00	Packaging 1 - 1 - B4B		
							Packaging 1 - 2 - B4B		
							Packaging 1 - 3 - B4B		

				Packaging 1 - 4 - B4B	
				Packaging 1 - 5 - B4B	
				Packaging 1 - 6 - B4B	
				Packaging 1 - 7 - B4B	
				Packaging 1 - 8 - B4B	
				Packaging 1 - 9 - B4B	
				Packaging 1 - 10 - B4B	
				Packaging 1 - 11 - B4B	
				Packaging 1 - 12 - B4B	
				Packaging 1 - 13 - B4B	
				Packaging 1 - 14 - B4B	
				Packaging 1 - 15 - B4B	
				Packaging 1 - 16 - B4B	
				Packaging 1 - 17 - B4B	
140 QC 4	3 pcs	1/25/19	0.00 0.00	QC 4 - 16	
				QC 4 - 26	
				QC 4 - 28	
				QC 4 - 38	
				QC 4 - 42	
				QC 4 - 58	
				QC 4 - 6	
				QC 4 - 69	
				QC 4 - 9	
145 DC - 1 - B4B	3 pcs	1/25/19	0.00 0.00	DC - 1 - B4B	
				DC - 2 - B4B	
150 Packaging 3-1 - Stock - B4B	3 pcs	1/25/19	0.00 0.00	Packaging 3 - 1 - B4B	
				Packaging 3 - 2 - B4B	
				Packaging 3 - 3 - B4B	
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	
				Packaging 3 - 6 - B4B	
				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
160 QC 21 - FG	3 pcs	1/25/19	0.00 0.00	QC 21 - FG - 16	
				QC 21 - FG - 21	

Part Op 110 - 1- assemble as per dwg D206-558

Descriptions: 120 - (QC5- Inspect part completeness to step on W/O)

140 - (QC4- 100% Inspect kits for completeness)

145 - Photocopy bluefile and create labels per PPP D206-558-043 CHG009

150 - (Identify as per dwg & Stock Location: _____), Identify and pack for shipping as per PPP D206-558-043

160 - (QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
D2011-101	Mirror 6"	6 Ea (2 ea)	110-Small Fab - 1	
D2066	Arm	3 pcs (1 ea)	110-Small Fab - 1	
AN3-4A	Bolt	12 Ea (4 ea)	130-Packaging 1-1 - Pick Kit - B4B	5112901
AN526-1032R9	Screw	12 Ea (4 ea)	130-Packaging 1-1 - Pick Kit - B4B	FM1322364
D2053	Bracket	3 pcs (1 ea)	130-Packaging 1-1 - Pick Kit - B4B	S 100725x2.5114995x1
D2067	Connector	3 Ea (1 ea)	130-Packaging 1-1 - Pick Kit - B4B	5143351
D2071	Cable Assembly - 32"	3 pcs (1 ea)	130-Packaging 1-1 - Pick Kit - B4B	5072096
D3778-1	Bracket	3 pcs (1 ea)	130-Packaging 1-1 - Pick Kit - B4B	5136181
MS21042L3	Nut	3 Ea (1 ea)	130-Packaging 1-1 - Pick Kit - B4B	5132364
MS21919-DG5	Clamp	6 Ea (2 ea)	130-Packaging 1-1 - Pick Kit - B4B	5083552
MS35489-67	Grommet	3 Ea (1 ea)	130-Packaging 1-1 - Pick Kit - B4B	F121600
MS35489-9	Grommet	3 Ea (1 ea)	130-Packaging 1-1 - Pick Kit - B4B	FM136044
NAS1149D0332J	Washer	18 Ea (6 ea)	130-Packaging 1-1 - Pick Kit - B4B	5113251

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
110-Small Fab - 1	D2011-101	6	40	0
	D2066	3	3	0
130-Packaging 1-1 - Pick Kit - B4B	AN3-4A	12	177	0
	AN526-1032R9	12	28	0
	D2053	3	12	0
	D2067	3	50	0
	D2071	3	8	0
	D3778-1	3	12	0
	MS21042L3	3	2,397	0
	MS21919-DG5	6	50	0
	MS35489-67	3	20	0
	MS35489-9	3	24	0
	NAS1149D0332J	18	2,126	0

Part Specifications

Specifications could not be found.

4.0 WEIGHT AND BALANCE

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D206-558-041	2.4 lb	+5.0 in	+12.0 in-lb	+14.8 in	+35.5 in-lb
Bell 206A/B/L/L1/L3/L4	1.09 Kg	+0.13 m	+0.14 m-Kg	+0.38 m	+0.41 m-Kg
D206-558-043	3.0 lb	0.0 in	0.0 in-lb	+14.8 in	+44.4 in-lb
Bell 206A/B/L/L1/L3/L4	1.36 Kg	0.0 m	0.0 m-Kg	+0.38 m	+0.52 m-Kg
D407-558-045	2.4 lb	+5.0 in	+12.0 in-lb	+14.8 in	+35.5 in-lb
Bell 407	1.09 Kg	+0.13 m	+0.14 m-Kg	+0.38 m	+0.41 m-Kg
D407-558-047	3.0 lb	0.0 in	0.0 in-lb	+14.8 in	+44.4 in-lb
Bell 407	1.36 Kg	0.0 m	0.0 m-Kg	+0.38 m	+0.52 m-Kg

5.0 PARTS LIST

Qty -041	Qty -043	Qty -045	Qty -047	Part Number	Description
X				D206-558-041	SINGLE CARGO MIRROR ASSEMBLY
	X			D206-558-043	DUAL CARGO MIRROR ASSEMBLY
		X		D407-558-045	SINGLE CARGO MIRROR ASSEMBLY
			X	D407-558-047	DUAL CARGO MIRROR ASSEMBLY
1	2	1	2	D2011-101	MIRROR ASSEMBLY
2	2	2	2	D2052**	BRACKET
1	1	1	1	D2053	BRACKET
2	2	2	2	D2054**	BUSHING
1	1	1	1	D2055**	CLAMP
1	1	1	1	D2056**	BELL CRANK ASSEMBLY
1		1		D2057	PLUG
1		1		D2065	ARM
	1		1	D2066	ARM
1	1	1	1	D2067	CONNECTOR
1	1			D2071	CABLE ASSEMBLY
		1	1	D2071-5	CABLE ASSEMBLY
1	2	1	2	D3014-1*	LOCKNUT
1	1			D3778-1	BRACKET
		1	1	D3778-3	BRACKET
4	4	4	4	AN3-4A	BOLT
4	4	4	4	AN526-1032R9	SCREW
1	2	1	2	NAS1149D0416P*	WASHER (AN960JD416L)
4	4	4	4	NAS1149D0363P**	WASHER (AN960JD10)
6	6	6	6	NAS1149D0332P	WASHER (AN960JD10L)
3	1	3	1	MS21042-3	NUT (or MS21042L3)
	2		2	MS21042-3**	NUT (or MS21042L3)
2	2	2	2	MS21919DG5	CLAMP
2	2	2	2	MS27039-1-18**	SCREW
1	1	1	1	MS35489-9	GROMMET
1	1	1	1	MS35489-67	GROMMET

* INCLUDED AS PART OF D2011-101 MIRROR ASSEMBLY

** INCLUDED AS PART OF D2066 ARM (REF. -043/-047 ONLY)